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Name of applicant, assignee or
Registered Representative

Steven P. Shurtz
Signature

July 26, 2001
Date of Signature

#10
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S. Davis
8/7/01
JUL 31 2001
TECHNOLOGY CENTER 2000

Our Case No. 8864/8

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

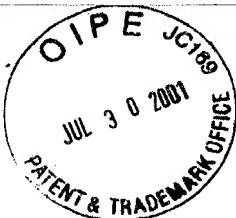
In re Application of:)	
)	
Griffith D. Neal)	
)	Examiner: J. Waks
Serial No. 09/470,428)	
)	Group Art Unit: 2834
Filing Date: December 22, 1999)	
)	
For: HIGH SPEED SPINDLE MOTOR)	
FOR DISK DRIVE)	

FIFTH SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
Washington, D.C. 20231

Dear Sir:

In compliance with the duty of disclosure under 37 C.F.R. § 1.56, it is respectfully requested that this Fifth Supplemental Information Disclosure Statement be entered and the documents listed below and on the attached Form PTO-1449 be considered by the Examiner and made of record. Copies of the listed documents required by 37 C.F.R. § 1.98(a)(2) are enclosed.



U. S. PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	NAME
4,855,853	08/08/1989	Matsushita et al.
5,331,483	07/19/1994	Müller et al.
5,664,314	09/09/1997	Pelstring et al.
5,675,201	10/07/1997	Komura et al.
5,793,129	08/11/1998	Parsoneault et al.
5,822,846	10/20/1998	Moritan et al.
5,831,355	11/03/1998	Oku
5,986,365	11/16/1999	Kuwert et al.
6,075,304	06/13/2000	Nakatsuka
6,102,636	08/15/2000	Geise
6,148,501	11/21/2000	Grantz et al.
6,163,952	12/26/2000	Takehara
US 6,215,219 B1	04/10/2001	Hwang

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FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY
DE 42 21 429 A 1	01/07/1993	Germany
0 818 6953	07/16/1996	Japan
0 312 8645	05/31/1991	Japan
0 129 1652	11/24/1989	Japan
0 119 0256	07/31/1989	Japan
JP 352079207A	07/04/1977	Japan

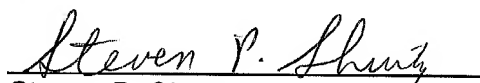
Most of the references are in English. For the one German patent reference, a copy of the U.S. Patent Application No. 5,331,483, which is enclosed, corresponds to the German patent application. The abstracts provided for the Japanese patents provide an explanation of the relevance of those references to the best understanding of the Applicant and his Attorney. The claims in this case are the same as some of the claims in a PCT case. A copy of the PCT search report for that case, mailed June 22, 2001, is enclosed. Also enclosed is a copy of a PCT search report, mailed May 9, 2001, on a related invention. In accordance with 37 C.F.R. § 1.97(e)(2), Applicant hereby certifies that the references contained in this Fifth Supplemental Information Disclosure Statement that are also on the search reports were first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the Fifth Supplemental Information Disclosure Statement. The other references cited in the search reports are already of record.



The remaining references were recently cited in co-pending U.S. applications of the Applicant on related inventions. In accordance with 37 C.F.R. § 1.97(e)(2), Applicant hereby certifies that none of the remaining references contained in this Fifth Supplemental Information Disclosure Statement were cited in a communication from a foreign patent office in a counterpart foreign application, and to the knowledge of Applicant's attorney after making reasonable inquiry, none of the remaining references contained in the Fifth Supplemental Information Disclosure Statement were known to any individual designated in § 1.56(c) more than three months prior to the filing of the Fifth Supplemental Information Disclosure Statement. No fees are believed to be due in connection with this Fifth Supplemental Information Disclosure Statement. However, should any fees under 37 C.F.R. §§1.16 to 1.21 be deemed necessary for any reason relating to these materials, the Commissioner is hereby authorized to deduct said fees from Brinks Hofer Gilson & Lione Deposit Account No. 23-1925.

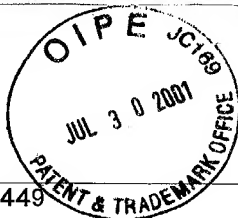
Applicant respectfully requests that the listed documents be made of record in the present case.

Respectfully submitted,


Steven P. Shurtz
Registration No. 31,424
Attorney for Applicant

BRINKS HOFER GILSON & LIONE
P.O. BOX 10395
CHICAGO, ILLINOIS 60610
(312) 321-4200

Dated: July 26, 2001



FORM PTO-1449	SERIAL NO. 09/470,428	CASE NO. 8864/8
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT	FILING DATE December 22, 1999	GROUP ART UNIT 2834
(use several sheets if necessary)	APPLICANT(S): Griffith D. Neal	

REFERENCE DESIGNATION

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS/ SUBCLASS	FILING DATE
	F1	4,855,853	08/08/1989	Matsushita et al.		
	F2	5,331,483	07/19/1994	Müller et al.		
	F3	5,664,314	09/09/1997	Pelstring et al.		
	F4	5,675,201	10/07/1997	Komura et al.		
	F5	5,793,129	08/11/1998	Parsonneault et al.		
	F6	5,822,846	10/20/1998	Moritan et al.		
	F7	5,831,355	11/03/1998	Oku		
	F8	5,986,365	11/16/1999	Kuwert et al.		
	F9	6,075,304	06/13/2000	Nakatsuka		
	F10	6,102,636	08/15/2000	Geise		
	F11	6,148,501	11/21/2000	Grantz et al.		
	F12	6,163,952	12/26/2000	Takehara		
	F13	6,215,219 B1	04/10/2001	Hwang		

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS/ SUBCLASS	TRANSLATION YES	NO
	F14	DE 42 21 429 A 1	01/07/1993	Germany			X
	F15	0 818 6953	07/16/1996	Japan		Abstract	
	F16	0 312 8645	05/31/1991	Japan		Abstract	
	F17	0 129 1652	11/24/1989	Japan		Abstract	
	F18	0 119 0256	07/31/1989	Japan		Abstract	
	F19	JP 352079207A	07/04/1977	Japan		Abstract	

EXAMINER INITIAL	OTHER ART (Including Author, Title, Date, Pertinent Pages, etc.)

EXAMINER	DATE CONSIDERED
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.